EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S114	647	@ad<"20010429" and virus and (virus near2 size)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/06/21 09:13
S115	1238	@ad<"20010429" and virus and ((virus body) near2 size)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/06/21 09:13
S116	9	@ad<"20010429" and ((virus infected) near4 (repair$3 restor$5)) and ((virus body) near2 size)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/06/21 12:12
S117	1	((ZHAOMIAO) near2 (TANG)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/21 09:18
S118	1	"5440723".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/06/21 09:19
S119	9	@ad<"20010429" and ((virus infected) near4 (((dis de) adj infect$3) repair$3 restor$5)) and ((virus body) near2 size)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/06/21 13:04
S121	105	@ad<"20010429" and ((virus infected) near4 (remov$3)) and ((virus body) near2 size) and computer	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/06/21 14:59
S122	2	(("5,485,575") or ("5,613,002")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/06/21 13:07
S123	18692158	@ad<"20010429" and ((virus infected) near4 (remov$3)) and ((virus body) near2 size) and computer (not (proteins! $6tides))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/06/21 13:11
S124	10	@ad<"20010429" and ((virus infected) near4 (remov$3)) and ((virus body) near2 size) and computer not (proteins! $6tides)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/06/22 06:47
S125	42	("5485575").URPN.	USPAT	OR	ON	2006/06/21 14:42
S126	21	@ad<"20010429" and ((remov$3 delet$3) with (virus adj (body code)))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/06/22 06:38
S133	143	@ad<"20010429" and (computer adj virus) and (emulat$3 virtual) and (repair$3 clean$3 ((de dis un) adj infect$3) remov$3)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/06/22 06:48
S134	10	("6067410").URPN.	USPAT	OR	ON	2006/06/22 07:39
S135	16	("4975950" | "5121345" | "5144660" | "5319776" | "5321840" | "5349655" | "5359659" | "5398196" | "5408642" | "5421006" | "5440723" | "5442699" | "5485575" | "5559960" | "5613002" | "5623600").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/22 07:42
S136	86	("5349655").URPN.	USPAT	OR	ON	2006/06/22 07:43

EAST Search History

S137	Full 7	("4734856" | "4975950" | "5050212" | "5121345" | "5144660" | "5163088" | "5274807").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/22 08:38
S138	1	"7058822".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/22 08:38
S139	408	703/21.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/22 08:38
S140	Fred 4	703/21.ccls. and virus	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/22 08:44
S141	[redacted]		US-PGPUB; USPAT; USOCR	OR	ON	2006/06/22 08:44
S142	[redacted]		US-PGPUB; USPAT; USOCR	OR	ON	2006/06/22 08:44

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	Full 306	713/188.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/06/22 09:12
L2	Full 272	726/24.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/06/22 09:12

Terms used **virus n grams** Found **13** of **178,880**

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Results 1 - 13 of 13

Relevance scale

1 VizSEC short papers session: Email archive analysis through graphical visualization

Wei-Jen Li, Shlomo Hershkop, Salvatore J. Stolfo
October 2004 **Proceedings of the 2004 ACM workshop on Visualization and data mining for computer security**
Publisher: ACM Press
Full text available: pdf(403.73 KB) Additional Information: full citation, abstract, references, index terms

The analysis of the vast storehouse of email content accumulated or produced by individual users has received relatively little attention other than for specific tasks such as spam and virus filtering. Current email analysis in standard client applications consists of keyword based matching techniques for filtering and expert driven manual exploration of email files.

We have implemented a tool, called the Email Mining Toolkit (EMT) for analyzing email archives which includes a graphic ...

Keywords: email, spam, virus

2 Research track paper: Combining email models for false positive reduction

Shlomo Hershkop, Salvatore J. Stolfo
August 2005 **Proceeding of the eleventh ACM SIGKDD international conference on Knowledge discovery in data mining KDD '05**
Publisher: ACM Press
Full text available: pdf(485.01 KB) Additional Information: full citation, abstract, references, index terms

Machine learning and data mining can be effectively used to model, classify and discover interesting information for a wide variety of data including email. The Email Mining Toolkit, EMT, has been designed to provide a wide range of analyses for arbitrary email sources. Depending upon the task, one can usually achieve very high accuracy, but with some amount of false positive tradeoff. Generally false positives are prohibitively expensive in the real world. In the case of spam detection, for exa ...

Keywords: aggregators, data mining, email mining, false positive reduction, model combination, multiple classifiers, spam

3 Industry/government track papers: Learning to detect malicious executables in the

wild
Jeremy Z. Kolter, Marcus A. Maloof
August 2004 **Proceedings of the tenth ACM SIGKDD international conference on Knowledge discovery and data mining KDD '04**
Publisher: ACM Press
Full text available: pdf(216.52 KB) Additional Information: full citation, abstract, references, index terms

In this paper, we describe the development of a fielded application for detecting malicious executables in the wild. We gathered 1971 benign and 1651 malicious executables and encoded each as a training example using n-grams of byte codes as features. Such processing resulted in more than 255 million distinct n-grams. After selecting the most relevant n-grams for prediction, we evaluated a variety of inductive methods, including naive Bayes, decision trees, support vector machines, and boosting. ...

Keywords: concept learning, data mining, malicious software, security

4 Cross-language information retrieval: Translating unknown queries with web corpora for cross-language information retrieval
Pu-Jen Cheng, Jei-Wen Teng, Ruei-Cheng Chen, Jenq-Haur Wang, Wen-Hsiang Lu, Lee-Feng Chien
July 2004 **Proceedings of the 27th annual international ACM SIGIR conference on Research and development in information retrieval SIGIR '04**
Publisher: ACM Press
Full text available: pdf(387.08 KB) Additional Information: full citation, abstract, references, index terms

It is crucial for cross-language information retrieval (CLIR) systems to deal with the translation of unknown queries due to that real queries might be short. The purpose of this paper is to investigate the feasibility of exploiting the Web as the corpus source to translate unknown queries for CLIR. We propose an online translation approach to determine effective translations for unknown query terms via mining of bilingual search-result pages obtained from Web search engines. This approach can a ...

Keywords: cross-language information retrieval, cross-language web search, query translation

5 Mobile code: Anomaly intrusion detection in dynamic execution environments
Hajime Inoue, Stephanie Forrest
September 2002 **Proceedings of the 2002 workshop on New security paradigms**
Publisher: ACM Press
Full text available: pdf(867.25 KB) Additional Information: full citation, abstract, references, index terms

We describe an anomaly intrusion-detection system for platforms that incorporate dynamic compilation and profiling. We call this approach "dynamic sandboxing." By gathering information about applications' behavior usually unavailable to other anomaly intrusion-detection systems, dynamic sandboxing is able to detect anomalies at the application layer. We show our implementation in a Java Virtual Machine is both effective and efficient at stopping a backdoor and a virus, and has a low false positi ...

Keywords: Java, anomaly detection, dynamic sandboxing

6 Computer immunology
Stephanie Forrest, Steven A. Hofmeyr, Anil Somayaji
October 1997 **Communications of the ACM**, Volume 40 Issue 10

Publisher: ACM Press
Full text available: pdf(460.66 KB) Additional Information: full citation, references, citings, index terms

7 Greedy decoding for statistical machine translation in almost linear time
Ulrich Germann
May 2003 **Proceedings of the 2003 Conference of the North American Chapter of the Association for Computational Linguistics on Human Language Technology - Volume 1 NAACL '03**
Publisher: Association for Computational Linguistics
Full text available: pdf(194.88 KB) Additional Information: full citation, abstract, references

We present improvements to a greedy decoding algorithm for statistical machine translation that reduce its time complexity from at least cubic ($O(n^6)$ when applied naïvely) to practically linear time[1] without sacrificing translation quality. We achieve this by integrating hypothesis evaluation into hypothesis creation, *tiling* improvements over the translation hypothesis at the end of each search iteration, and by imposing restrictions on the amount ...

8 Special section on data mining for intrusion detection and threat analysis: Data mining-based intrusion detectors: an overview of the columbia IDS project
Salvatore J. Stolfo, Wenke Lee, Philip K. Chan, Wei Fan, Eleazar Eskin
December 2001 **ACM SIGMOD Record**, Volume 30 Issue 4
Publisher: ACM Press
Full text available: pdf(1.05 MB) Additional Information: full citation, references, citings, index terms

9 Mining semantically related terms from biomedical literature
Goran Nenadić, Sophia Ananiadou
March 2006 **ACM Transactions on Asian Language Information Processing (TALIP)**, Volume 5 Issue 1
Publisher: ACM Press
Full text available: pdf(1.40 MB) Additional Information: full citation, abstract, references, index terms

Discovering links and relationships is one of the main challenges in biomedical research, as scientists are interested in uncovering entities that have similar functions, take part in the same processes, or are coregulated. This article discusses the extraction of such semantically related entities (represented by domain terms) from biomedical literature. The method combines various text-based aspects, such as lexical, syntactic, and contextual similarities between terms. Lexical similarities ar ...

Keywords: biomedical literature, contextual patterns, term similarities, text mining

10 Chinese text retrieval without using a dictionary
Aitao Chen, Jianzhang He, Liangjie Xu, Fredric C. Gey, Jason Meggs
July 1997 **ACM SIGIR Forum , Proceedings of the 20th annual international ACM SIGIR conference on Research and development in information retrieval SIGIR '97**, Volume 31 Issue SI
Publisher: ACM Press
Full text available: pdf(1.37 MB) Additional Information: full citation, references, citings, index terms

11 A guided tour to approximate string matching

Gonzalo Navarro
March 2001 **ACM Computing Surveys (CSUR)**, Volume 33 Issue 1
Publisher: ACM Press

Full text available: pdf(1.19 MB) Additional Information: full citation, abstract, references, citings, index terms, review

We survey the current techniques to cope with the problem of string matching that allows errors. This is becoming a more and more relevant issue for many fast growing areas such as information retrieval and computational biology. We focus on online searching and mostly on edit distance, explaining the problem and its relevance, its statistical behavior, its history and current developments, and the central ideas of the algorithms and their complexities. We present a number of experiments to ...

Keywords: Levenshtein distance, edit distance, online string matching, text searching allowing errors

12 Instrusion detection: The role of suspicion in model-based intrusion detection

Timothy Hollebeek, Rand Waltzman
September 2004 **Proceedings of the 2004 workshop on New security paradigms**
Publisher: ACM Press

Full text available: pdf(116.29 KB) Additional Information: full citation, abstract, references

We argue in favor of the explicit inclusion of suspicion as a concrete concept to be used in the analysis of audit data in order to guide the search for evidence of misuse. Our approach is similar to that of a human forensic analyst, who first notices details that seem slightly odd, and then investigates further and cross checks information in an attempt to build a coherent explanation for the observed details. We use deductive reasoning combined with expert knowledge about system behavior, pote ...

13 Part-of-speech induction from scratch

Hinrich Schütze
June 1993 **Proceedings of the 31st annual meeting on Association for Computational Linguistics**
Publisher: Association for Computational Linguistics

Full text available: pdf(717.90 KB) Publisher Site Additional Information: full citation, abstract, references, citings

This paper presents a method for inducing the parts of speech of a language and part-of-speech labels for individual words from a large text corpus. Vector representations for the part-of-speech of a word are formed from entries of its near lexical neighbors. A dimensionality reduction creates a space representing the syntactic categories of unambiguous words. A neural net trained on these spatial representations classifies individual contexts of occurrence of ambiguous words. The method classif ...

Results 1 - 13 of 13

Published since January 1958 and Published before May 2001
Terms used **virus repair**

Found **64** of **119,427**

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Relevance scale

1 Microcomputers in educational and research environments: their management, acquisition, upgrade, and maintenance

Jean F. Coppola, Francis T. Marchese

December 1992 **Proceedings of the 20th annual ACM SIGUCCS conference on User services**

Publisher: ACM Press

Full text available: pdf(770.75 KB) Additional Information: full citation, index terms

2 Level II technical support in a distributed computing environment

Tim Leehane

September 1996 **Proceedings of the 24th annual ACM SIGUCCS conference on User services**

Publisher: ACM Press

Full text available: pdf(5.73 MB) Additional Information: full citation, references, index terms

3 Building a help desk from scratch, with no staff, no equipment and no money: molding novice student consultants into seasoned help desk operators

Carol L. Smith

September 1996 **Proceedings of the 24th annual ACM SIGUCCS conference on User services**

Publisher: ACM Press

Full text available: pdf(437.94 KB) Additional Information: full citation, references, index terms

4 A reliable multicast framework for light-weight sessions and application level framing

Sally Floyd, Van Jacobson, Ching-Gung Liu, Steven McCanne, Lixia Zhang

December 1997 **IEEE/ACM Transactions on Networking (TON)**, Volume 5 Issue 6

Publisher: IEEE Press

Full text available: pdf(310.74 KB) Additional Information: full citation, references, citings, index terms, review

Keywords: Internetworking, computer network performance, computer networks

5 A bit of viral protection is worth a megabyte of cure

Tim Fitzgerald
June 1995 **ACM SIGUCCS Newsletter**, Volume 25 Issue 1-2
Publisher: ACM Press
Full text available: pdf(427.33 KB) Additional Information: full citation, abstract, index terms

Even in today's world of safeguarded networks and advanced detection software, computer viruses are still running amok in some of the seedier niches of cyberspace and hiding out on unclean disks and unprotected hard drives. Speculative rumors of wide-spread epidemics have only added to the confusion as computer users all over the world wonder if their systems are at risk and if there is any way to shield themselves from these stealth operatives of electronic malfeasance.

6 The military impact of information technology

Jeff Johnson, Ronald L. Davis, Roger W. Wester, Frank Exner, Crispin Cowan, Mayur Patel, Michael Lingle, Barry Goldstein, James K. Yun, Carey Nachenberg
April 1997 **Communications of the ACM**, Volume 40 Issue 4
Publisher: ACM Press
Full text available: pdf(130.61 KB) Additional Information: full citation, index terms

7 Where the students are ...computing services at the customer source

Glenda E. Moum
October 2000 **Proceedings of the 28th annual ACM SIGUCCS conference on User services: Building the future**
Publisher: ACM Press
Full text available: pdf(106.36 KB) Additional Information: full citation, index terms

Keywords: consulting, hardware repair, software sales, student services

8 The evolving support toolbox or redistributed support

John Hawkins
September 1991 **Proceedings of the 19th annual ACM SIGUCCS conference on User services**
Publisher: ACM Press
Full text available: pdf(594.77 KB) Additional Information: full citation, index terms

9 Book Excerpt: Computer Ethics, Second Edition by Deborah G. Johnson (Prentice Hall, 1994)

Deborah G. Johnson
December 1993 **ACM SIGCAS Computers and Society**, Volume 23 Issue 3-4
Publisher: ACM Press
Full text available: pdf(581.08 KB) Additional Information: full citation

10 Bucknell's software service clinic—meeting a computing support challenge

Karen Kniss
November 1997 **Proceedings of the 25th annual ACM SIGUCCS conference on User services: are you ready?**
Publisher: ACM Press
Full text available: pdf(922.20 KB) Additional Information: full citation, index terms

11 Staying Connected: Body of technology

Meg McGinity
September 2000 **Communications of the ACM**, Volume 43 Issue 9
Publisher: ACM Press
Full text available: pdf(72.49 KB) html(11.64 KB) Additional Information: full citation, citings, index terms

12 The costly implications of consulting in a virus-infected computer environment

K. Nunez, T. Gerace, A. Hartman
October 1989 **Proceedings of the 17th annual ACM SIGUCCS conference on User Services**
Publisher: ACM Press
Full text available: pdf(468.70 KB) Additional Information: full citation, index terms

13 WORKBENCH—the financial benefit and savings to the university

Angelo Montovino
October 2000 **Proceedings of the 28th annual ACM SIGUCCS conference on User services: Building the future**
Publisher: ACM Press
Full text available: pdf(78.76 KB) Additional Information: full citation, index terms

14 Illustrative risks to the public in the use of computer systems and related technology

Peter G. Neumann
January 1996 **ACM SIGSOFT Software Engineering Notes**, Volume 21 Issue 1
Publisher: ACM Press
Full text available: pdf(2.54 MB) Additional Information: full citation

15 Semi-automatic recognition of noun modifier relationships

Ken Barker, Stan Szpakowicz
August 1998 **Proceedings of the 17th international conference on Computational linguistics - Volume 1 , Proceedings of the 36th annual meeting on Association for Computational Linguistics - Volume 1**
Publisher: Association for Computational Linguistics , Association for Computational Linguistics
Full text available: pdf(626.02 KB) Publisher Site Additional Information: full citation, abstract, references

Semantic relationships among words and phrases are often marked by explicit syntactic or lexical clues that help recognize such relationships in texts. Within complex nominals, however, few overt clues are available. Systems that analyze such nominals must

compensate for the lack of surface clues with other information. One way is to load the system with lexical semantics for nouns or adjectives. This merely shifts the problem elsewhere: how do we define the lexical semantics and build large sem ...

16 Mobile computing at Rensselaer Polytechnic Institute

Patrick Valiquette, Mark Miller, Ed Seeger
October 2000 **Proceedings of the 28th annual ACM SIGUCCS conference on User services: Building the future**
Publisher: ACM Press
Full text available: pdf(135.14 KB) Additional Information: full citation, index terms

Keywords: RPI, Rensselaer Polytechnic Institute, ThinkPad, laptop comouters, mobile computing

17 Manage all the computer labs on campus? what did I do to deserve this?

Kathy DuBose
October 2000 **Proceedings of the 28th annual ACM SIGUCCS conference on User services: Building the future**
Publisher: ACM Press
Full text available: pdf(144.13 KB) Additional Information: full citation, index terms

Keywords: computer, lab, manager, support

18 Creating a technology desk in an information commons

Susan Hales, Don Rea, Marcella Siegler
October 2000 **Proceedings of the 28th annual ACM SIGUCCS conference on User services: Building the future**
Publisher: ACM Press
Full text available: pdf(136.62 KB) Additional Information: full citation, citings, index terms

19 Incremental cryptography and application to virus protection

Mihir Bellare, Oded Goldreich, Shafi Goldwasser
May 1995 **Proceedings of the twenty-seventh annual ACM symposium on Theory of computing**
Publisher: ACM Press
Full text available: pdf(1.65 MB) Additional Information: full citation, references, citings, index terms

20 A taxonomy of computer program security flaws

Carl E. Landwehr, Alan R. Bull, John P. McDermott, William S. Choi
September 1994 **ACM Computing Surveys (CSUR)**, Volume 26 Issue 3
Publisher: ACM Press
Full text available: pdf(3.81 MB) Additional Information: full citation, abstract, references, citings, index terms, review

An organized record of actual flaws can be useful to computer system designers, programmers, analysts, administrators, and users. This survey provides a taxonomy for computer program security flaws, with an Appendix that documents 50 actual security

flaws. These flaws have all been described previously in the open literature, but in widely separated places. For those new to the field of computer security, they provide a good introduction to the characteristics of security flaws and how they ...

Keywords: error/defect classification, security flaw, taxonomy

Results 1 - 20 of 64 Result page: **1** 2 3 4 next

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Search Query Display

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#1	((virus removal)<in>metadata)
#2	(virus<IN>metadata)
#3	(((virus <and> (remove <or> removal <or> removing <or> disinfect <or> clean <or> repair <or> reparing))<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2001)
#4	(kephart j.<in>au)